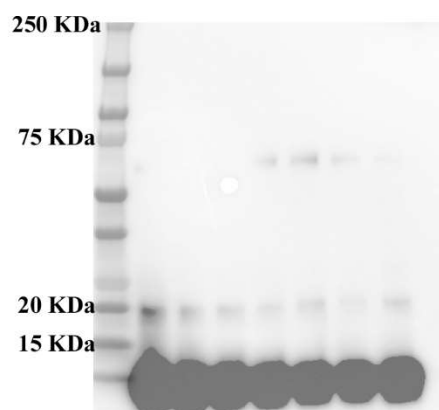


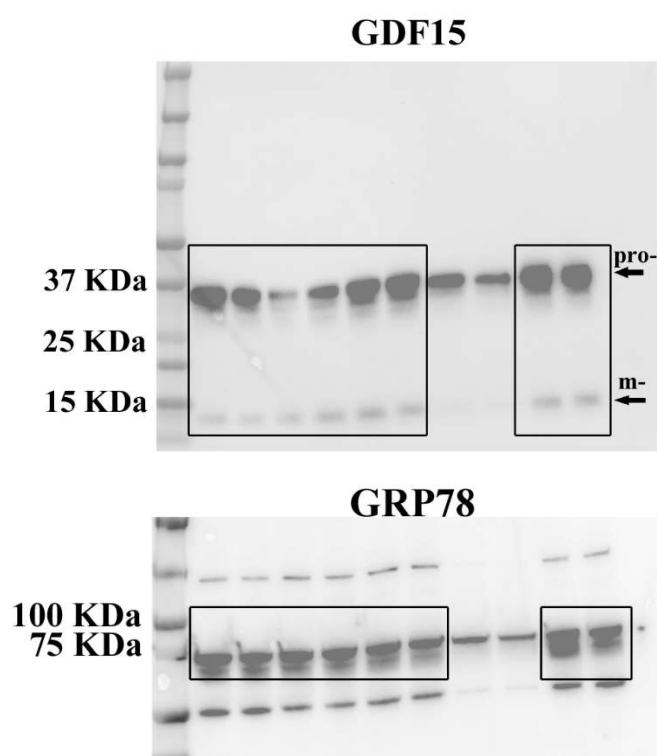
SUPPLEMENTARY INFORMATION

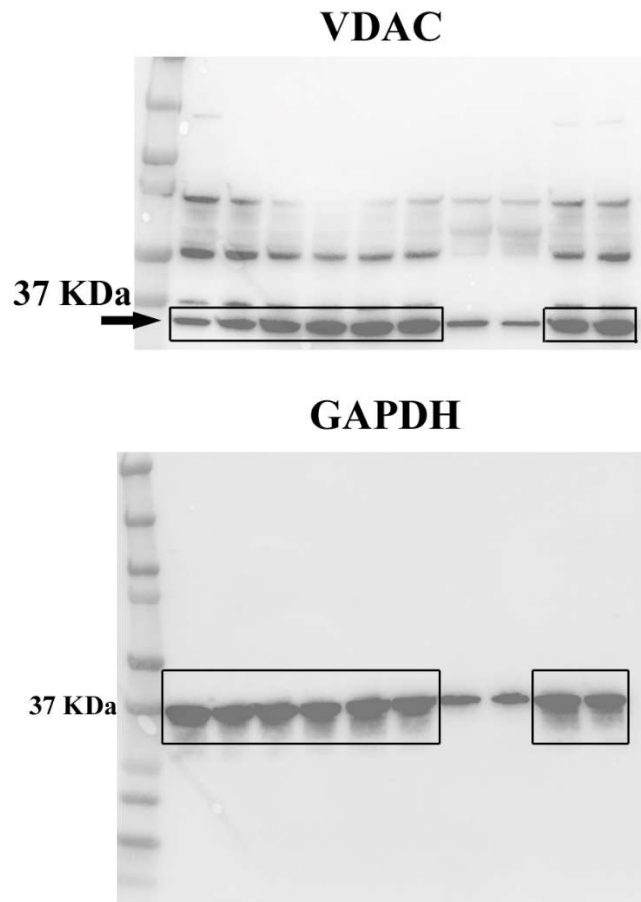
BLOT PANEL A of FIGURE 1



Western blotting analysis of human recombinant GDF15, incubated with DMSO (first lane on the left) and SOM A – B – C – D – E – F (from left to right, second to sixth lane, respectively). Both dimeric (around 20-24 KDa) and monomeric forms (around 12-14 KDa) of GDF15 are visible. Image acquired with ChemiDoc Imaging Systems (Bio-rad). Ladder: Precision Plus Protein Dual Color Standards, #1610374 (Bio-rad).

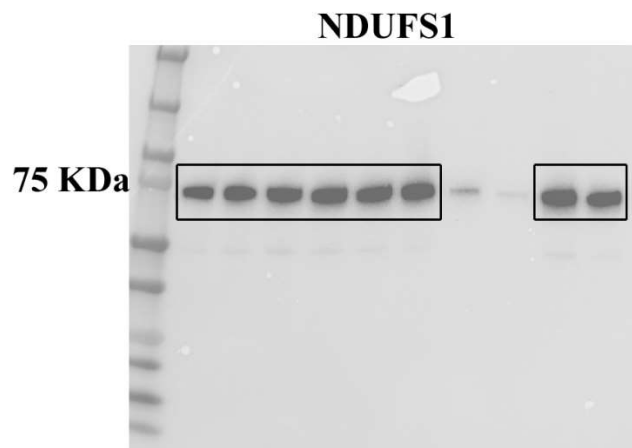
BLOTS PANEL A of FIGURE 4

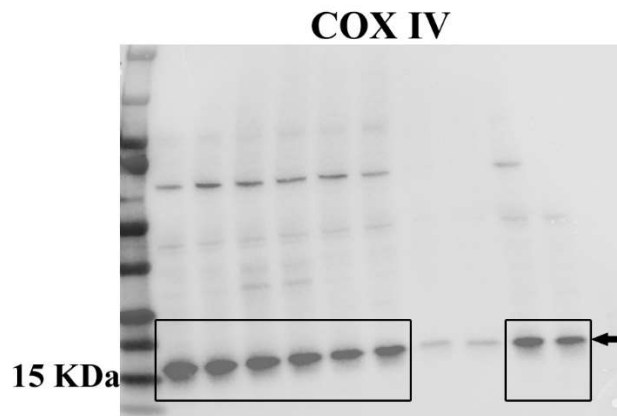
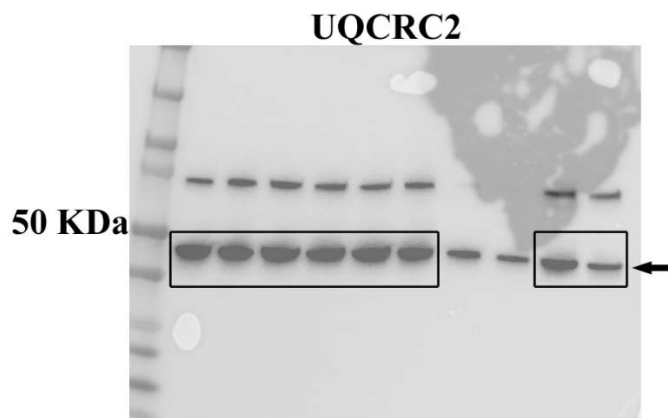
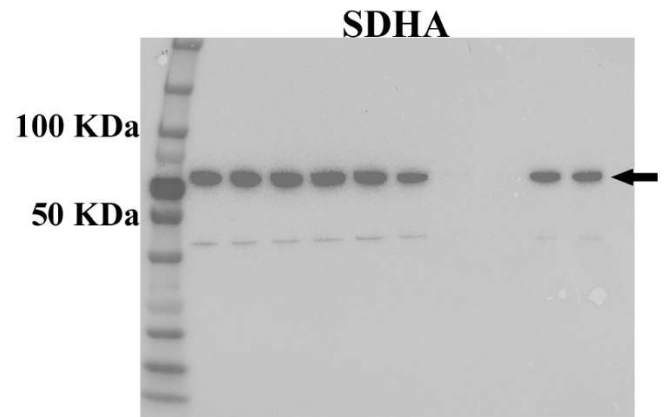




Blots of GDF15 (m-Gdf15: mature form; pro-Gdf15: precursor form), GRP78, VDAC and GAPDH after 72h-treatment with DMSO (from left to right: lane 1-2) and SOM C (lane 3-4), D (lane 5-6), E (lane 7-8) and F (lane 9-10). The lanes in the boxes are considered in the study. As described in the text, SOM E has been excluded from further analyses due to its toxicity, consequently, lanes 7-8 corresponding to SOM E have been skipped from Figure 4. Image acquired with ChemiDoc Imaging Systems (Bio-rad). Ladder: Precision Plus Protein Dual Color Standards, #1610374 (Bio-rad).

BLOTS PANEL A of FIGURE 5





Blots of Ndufs1, Sdha, Uqcrc2 and Cox IV after 72h-treatment with DMSO (from left to right: lane 1-2) and SOM C (lane 3-4), D (lane 5-6), E (lane 7-8) and F (lane 9-10). The lanes in the boxes are considered in the study. As described in the text, SOM E has been excluded from further analyses due to its toxicity, consequently, lanes 7-8 corresponding to SOM E have been skipped from Figure 5. Image acquired with ChemiDoc Imaging Systems (Bio-rad). Ladder: Precision Plus Protein Dual Color Standards, #1610374 (Bio-rad).